

TRANSMIT-RECEIVE FM-CW RADAR APPARATUS

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ABSTRACT OF THE DISCLOSURE

Disclosed is a transmit-receive FM-CW radar
apparatus which switches between transmission and
10 reception by time division control, wherein amplifiers
capable of controlling gain are provided in a transmitter
signal path and a receiver signal path, respectively, and
wherein the gain in the leading edge portion of a receive
timing interval or the gain in the trailing edge portion
15 of a transmit timing interval is suppressed by
controlling the gain of the amplifier provided in the
receiver signal path or the gain of the amplifier
provided in the transmitter signal path, respectively.